Isoglucose – How significant is the threat for the EU sugar industry?

Background material

Dr. Yelto Zimmer
Thünen Institute of Farm Economics
Evolution of US Isoglucose market (in 1,000 t)

Source: ERS (2013b)
Prices by-products US isoglucose production (USD/t)

Source: ERS (2013b); World Bank (2013)
Corn oil prices driven by corn prices (2000 – 2013)

Source: ERS (2013)
Corn gluten feed prices driven by corn prices (2000 – 2013)

Source: ERS (2013)

Source: ERS (2013)
Total cost isoglucose at different corn prices

\[ y = 1.0466x + 184.47 \]

Source: own calculation
Economics of US isoglucose production (USD/t)

Source: ERS (2013b); World Bank (2013), own calculation
US sugar vs. isoglucose market (1990 – 2012)

Source: ERS (2013b)
Interaction US corn vs. isoglucoose market (1990 – 2012)

Source: ERS (2013b); World Bank (2013), own calculation
Interaction US sugar vs. isoglucose prices (1990 – 2012)

Source: ERS (2013b), own calculation
US sugar and isoglucose prices (USD/t)

Source: ERS (2013b)
Interaction US sugar vs. isoglucose prices (1990 – 2012)

Source: ERS (2013b)
EU and world market sugar prices (€/t)

Source: EU COMMISSION (2013)
EU corn and wheat prices: Fluctuating around parity

Source: agrarticker.de
Price ratio rapeseed vs. wheat

Source: Agrarzeitung, own calculation
Thank you for your interest